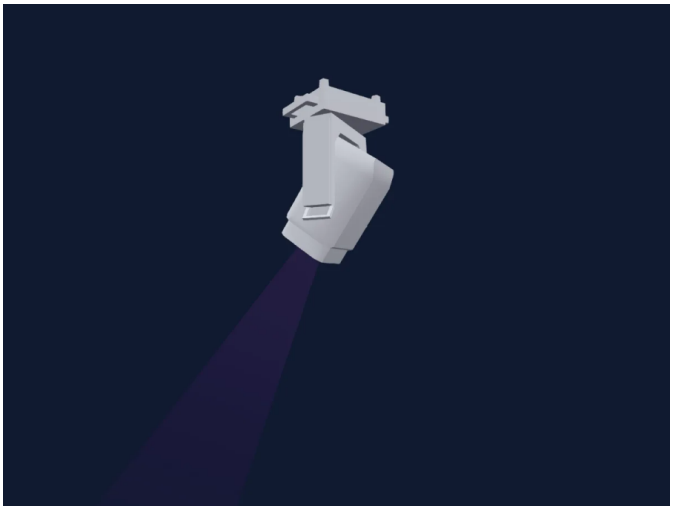
EK Lights

H1-IP



Manufacturer	**EK Lights**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**32 channels**
Beam angle	**1.8-41°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**313 × 479 × 281 mm**
GDTF fixture type	**7FF78DF8-723F-4A2C-8101-5B…**

Controls

Focus · Frost · Prism · Prism rotation · Zoom · Extra LED colours · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Animation wheel · Gobos · Gobo rotation

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

32CH — 32 ch

32CH

32 channels

Ch	Function	Default	DMX values
1	Color Add C	0	
2	Color Add M	0	
3	Color Add Y	0	
4	C TO	0	
5	Color Wheel	0	0–23 Open (wheel slot 1) 24–46 Open+Color1 (wheel slot 2) 47–69 Color1 (wheel slot 3) 70–92 Color1+Color2 (wheel slot 4) 93–115 Color2 (wheel slot 5) 116–139 Color2+Color3 (wheel slot 6) 140–162 Color3 (wheel slot 7) 163–185 Color3+Color4 (wheel slot 8) 186–208 Color4 (wheel slot 9) 209–231 Color4+Color5 (wheel slot 10) 232–255 Color5 (wheel slot 11)
6	Color Wheel 2	0	0–23 Open (wheel slot 1) 24–46 Open+Color1 (wheel slot 2) 47–69 Color1 (wheel slot 3) 70–92 Color1+Color2 (wheel slot 4) 93–115 Color2 (wheel slot 5) 116–139 Color2+Color3 (wheel slot 6) 140–162 Color3 (wheel slot 7) 163–185 Color3+Color4 (wheel slot 8) 186–208 Color4 (wheel slot 9) 209–231 Color4+Color5 (wheel slot 10) 232–255 Color5 (wheel slot 11)
7	Color3	0	0–23 Open (wheel slot 1) 24–46 Open+Color1 (wheel slot 2) 47–69 Color1 (wheel slot 3) 70–92 Colo1+Color2 (wheel slot 4) 93–115 Color2 (wheel slot 5) 116–139 Colo2+Color3 (wheel slot 6) 140–162 Color3 (wheel slot 7) 163–185 Colo3+Color4 (wheel slot 8) 186–208 Color4 (wheel slot 9) 209–231 Colo4+Color5 (wheel slot 10) 232–255 Color5 (wheel slot 11)
8	Shutter / Strobe	255	0–3 Closed 4–102 Strobe · Slow 1–29.7 Hz 103–103 Strobe · Fast 30 Hz 104–107 Open1 108–206 Pulse Strobe · Min 1–29.7 Hz 207–207 Pulse Strobe · Max 30 Hz 208–212 Open2 213–250 Random Strobe · Min 1–29.2 Hz 251–251 Random Strobe · Max 30 Hz 252–255 Open3
9	Dimmer	0	
10	Dimmer Fine	0	Fine byte of Dimmer

32CH (continued)

Ch	Function	Default	DMX values
11	Gobo	0	0–3 open (wheel slot 1) 4–7 gobo1 (wheel slot 2) 8–10 gobo2 (wheel slot 3) 11–14 gobo3 (wheel slot 4) 15–17 gobo4 (wheel slot 5) 18–21 gobo5 (wheel slot 6) 22–25 gobo6 (wheel slot 7) 26–28 gobo7 (wheel slot 8) 29–32 gobo8 (wheel slot 9) 33–35 gobo9 (wheel slot 10) 36–39 gobo10 (wheel slot 11) 40–43 gobo111 (wheel slot 12) 44–46 gobo12 (wheel slot 13) 47–50 gobo13 (wheel slot 14) 51–53 gobo14 (wheel slot 15) 54–57 gobo15 (wheel slot 16) 58–61 gobo16 (wheel slot 17) 62–64 gobo17 (wheel slot 18) 65–68 gobo18 (wheel slot 19) 69–71 gobo19 (wheel slot 20) 72–113 CCW 114–118 Stop 119–160 CW 161–165 gobo1 (wheel slot 2) 166–170 gobo2 (wheel slot 3) 171–175 gobo3 (wheel slot 4) 176–180 gobo4 (wheel slot 5) 181–185 gobo5 (wheel slot 6) 186–190 gobo6 (wheel slot 7) 191–195 gobo7 (wheel slot 8) 196–200 gobo8 (wheel slot 9) 201–205 gobo9 (wheel slot 10) 206–210 gobo10 (wheel slot 11) 211–215 gobo11 (wheel slot 12) 216–220 gobo12 (wheel slot 13) 221–225 gobo13 (wheel slot 14) 226–230 gobo14 (wheel slot 15) 231–235 gobo15 (wheel slot 16) 236–240 gobo16 (wheel slot 17) 241–245 gobo17 (wheel slot 18) 246–250 gobo18 (wheel slot 19) 251–255 gobo19 (wheel slot 20)
12	Animation Wheel1	0	0–127 Out 128–255 Insert
13	Animation Wheel1Pos Rotate	0	0–3 Open 4–127 CW 128–132 Stop 133–255 CCW

32CH (continued)

Ch	Function	Default	DMX values
14	Gobo 2	0	0–7 Open (wheel slot 1) 8–15 gobo1 (wheel slot 2) 16–23 gobo2 (wheel slot 3) 24–31 gobo3 (wheel slot 4) 32–39 gobo 4 (wheel slot 5) 40–47 gobo5 (wheel slot 6) 48–55 gobo 6 (wheel slot 7) 56–63 gobo7 (wheel slot 8) 64–71 gobo8 (wheel slot 9) 72–113 CCW 114–117 Stop 118–159 CW 160–171 gobo1 (wheel slot 2) 172–183 gobo2 (wheel slot 3) 184–195 gobo3 (wheel slot 4) 196–207 gobo 4 (wheel slot 5) 208–219 gobo5 (wheel slot 6) 220–231 gobo 6 (wheel slot 7) 232–243 gobo7 (wheel slot 8) 244–255 gobo8 (wheel slot 9)
15	Gobo Rotation	0	0–127 0- 540 Position 128–190 CW 191–192 Stop 193–255 CCW
16	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
17	Prism	0	0–127 Open (wheel slot 1) 128–255 4F Circular (wheel slot 2)
18	Prism Rotation	0	0–127 Indexing 128–190 CW (wheel slot 2) 191–192 Stop (wheel slot 2) 193–255 CCW (wheel slot 2)
19	Prism	0	0–127 Open (wheel slot 1) 128–255 8-Circular (wheel slot 2)
20	Prism Rotation	0	0–127 Indexing 128–190 CW 191–192 Stop 193–255 CCW
21	Frost1	0	
22	Zoom	30	0–0 Narrow 1–254 Narrow>Wide 255–255 Wide
23	Focus	127	0–126 Min 127–254 Medium 255–255 Max
24	Focus Fine	166	Fine byte of Focus
25	Beam Mode	0	0–127 Spot Mode 128–255 Beam Mode
26	Pan	128	
27	Pan Fine	0	Fine byte of Pan
28	Tilt	128	
29	Tilt Fine	0	Fine byte of Tilt

32CH (continued)

Ch	Function	Default	DMX values
30	Control1	111	0–110 No Function 111–120 Pan Tilt Slow Speed (Hold 3S) 121–130 Pan Tilt Medium Speed (Hold 3S) 131–140 Pan Tilt Fast Speed (Hold 3S) 141–160 No Function 161–165 Off 166–170 On 171–175 Off 176–180 On 181–185 Off 186–190 On 191–200 No Function 201–205 Off 206–210 On 211–215 Off 216–220 On 221–225 Standar 226–230 Old 231–255 No Function
31	Fixture Global Reset	0	0–25 No Function 26–76 Head Reset (Hold 3S) 77–127 Pan Tilt Reset (Hold 3S) 128–255 All Reset (Hold 3S)
32	Lamp Control	0	0–25 No Function 26–100 Lamp Off (Hold 3S) 101–255 Lamp On(Hold 3S)